In the Specification:

Please replace the paragraph beginning at line 7, on page 2 with the following amended paragraph:

Most techniques for gauging reliability of sensor nodes place a high overhead on the collection. Typical existing reliability methods may add redundant hardware or transmit extra data at the source to correct for data corrupted in the circuits or the communication channels respectively. This makes typical methods prohibitively expensive for use with heavily constrained sensor nodes. To address failures in circuits and communication channels, such methods incur high ~~overheads~~ overhead in terms of energy budget, ~~and~~ as well as design and manufacturing cost ~~in~~for the sensor nodes.

Please replace the paragraph beginning at line 27, on page 2 with the following amended paragraph:

Preferred embodiments of the present invention provide, among other things, an apparatus and method suitable for improving reliability of collected sensor data over a network. One or more transient errors are predicted and corrected using correlation of ~~corrected~~ collected data. For example, sensor data can be collected from one or more sensor nodes in a network. A device other than a sensor node can use the data to compute a predictive model based upon inherent redundancy in the data, and correct one or more later-received values deemed unreliable.

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Please replace the paragraph beginning at line 19, on page 4 with the following amended paragraph:

Prior reliability techniques, by contrast, either added redundant hardware or transmitted extra data at the source to correct for data corrupted in the circuits or the communication channels, respectively. Such techniques are prohibitively expensive to be used with heavily constrained sensor nodes, and they do not use properties of the application data. Thus, to address failures in circuits and communication channels, these techniques incur prohibitively high overheads in terms of energy budget, ~~and~~ in addition to design and manufacturing cost in the sensor nodes.

Please replace the paragraph beginning at line 25, on page 6 with the following amended paragraph:

The aggregator node 12 may include, for example, one or more modules for receiving and aggregating sensor data. The ~~aggregations~~ aggregation functions performed by these modules may include node-level or temporal aggregation 18 for aggregating data from a particular sensor and/or spatial or cluster-level aggregation 20, which aggregate data from the different sensor nodes. Aggregated and corrected data from the aggregator node 12 may in turn be sent to a server 22 or other device (i.e., reported) for processing or storage.